

## PATENT ABSTRACTS OF JAPAN

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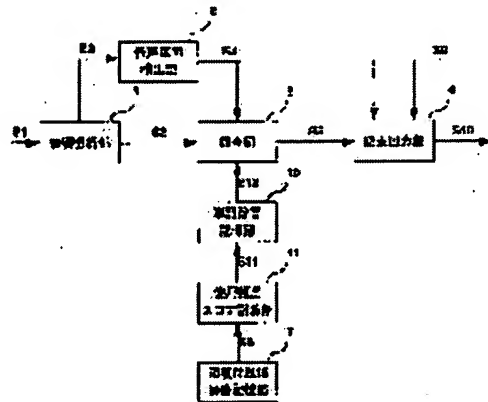
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## (54) SPEECH RECOGNITION SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To recognize a voice with high accuracy even when a voice of large vocabulary is inputted.

**SOLUTION:** This device is provided with a use frequency score calculating section 11 calculating use frequency scores in which the higher a use frequency is the smaller the value is, from information indicating a use frequency of a word dictionary storage section 7 with frequency, and storing it in a word dictionary storage section 10, a use frequency score of the word stored in the word dictionary storage section 10 is added to an acoustic score indicating the extent of acoustic approach between a voice signal S1 inputted in a collating section 3 and a word dictionary S12 with the prescribed rate, it is made a distance value S5. Thus, the higher a use frequency of a word is, the smaller value of a use frequency score is given, and a word of high use frequency can be recognized by adding this at the time of collating a pattern.



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